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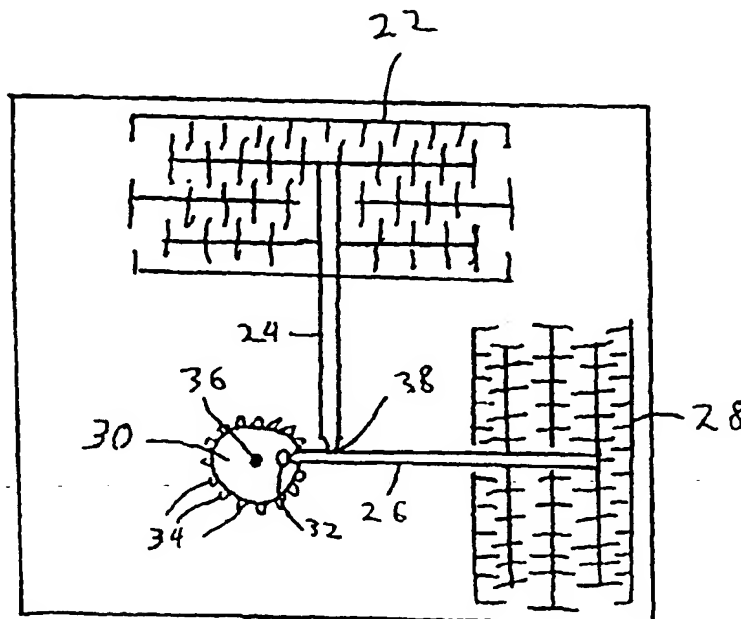
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(54) Title: APPARATUS AND METHOD FOR NANOSCALE AND MICROSCALE MECHANICAL MACHINING AND PROCESSING

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(57) Abstract: A microscale device provides for a nanoscale machining. A tool, similar to probes used in atomic force microscopy is attached to a micro-load gear and is powered by a micromotor. This very small tool allows a variety of nanostructures to be fabricated on a variety of substrates.